

WHAT IS CLAIMED IS:

1. An eavesdropping device detecting system comprising:
a wave receiver for receiving predetermined waves;
5 an image alarm outputting section for outputting an
existence of an eavesdropping device as at least one of a
message and an visual image; and
a data processing section for comparing waves received in
the wave receiver with waves of the eavesdropping device to
10 judge the existence of the eavesdropping device and outputting
a result thereof to the image alarm outputting section, wherein
the data processing section includes a wave amplifier for
amplifying waves received in the wave receiver such that the
received waves have frequency bands to be processed by the data
15 processing section, a comparing/judgment section for comparing
the amplified waves with the waves of the eavesdropping device
and judging whether or not the amplified waves are identical to
the waves generated from the eavesdropping device, and a
control section for operating the image alarm outputting
20 section when the amplified waves match with the waves generated
from the eavesdropping device.

2. The eavesdropping device detecting system as claimed in
claim 1, wherein the eavesdropping device is one selected from
25 the group consisting of a voice recorder, a wiretapping device
and a hidden camera.

3. The eavesdropping device detecting system as claimed in
claim 1, wherein the data processing section is capable of
30 storing a corresponding intrinsic wave/frequency value of the

eavesdropping device therein or the corresponding intrinsic wave/frequency value of the eavesdropping device is stored in the data processing section.

5 4. The eavesdropping device detecting system as claimed in any one of claims 1 to 3, wherein the image alarm outputting section outputs the existence of the eavesdropping device through an LCD section provided in the image alarm outputting section.

10 5. A method for detecting an eavesdropping device in an eavesdropping device detecting system, the method comprising the steps of:

 i) receiving predetermined waves;

15 ii) comparing received waves with waves of the eavesdropping device and judging an existence of the eavesdropping device; and

 iii) displaying the existence of the eavesdropping device as at least one of a message and a visual image, wherein step

20 ii) includes the substeps of:

 a) amplifying the received waves such that the received waves have frequency bands to be processed,

 b) comparing the amplified waves with the waves of the eavesdropping device and judging whether or not the amplified
25 waves are identical to the waves generated from the eavesdropping device, and

 c) operating an image alarm outputting section when the amplified waves match with the waves generated from the eavesdropping device.